

FIG. 1

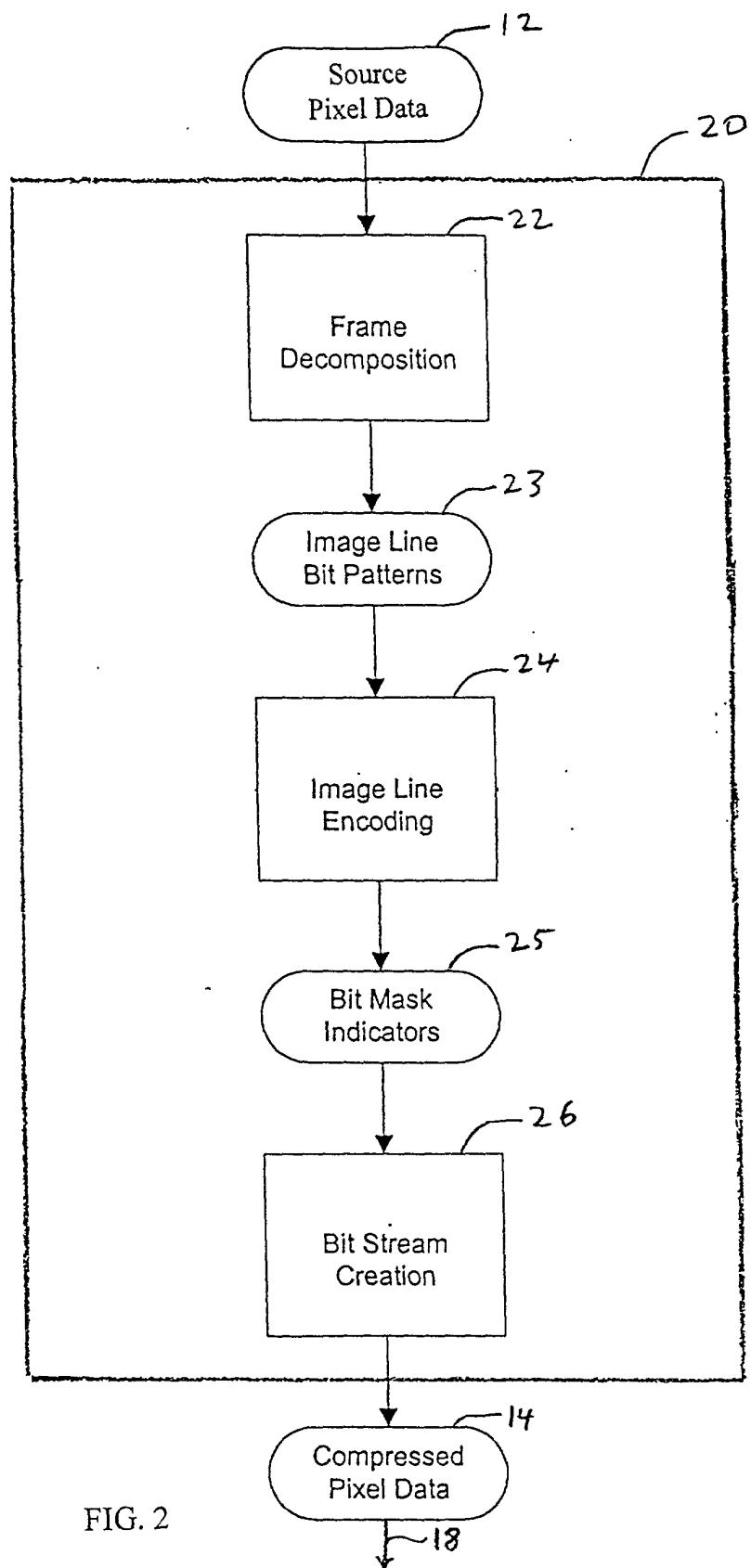


FIG. 2

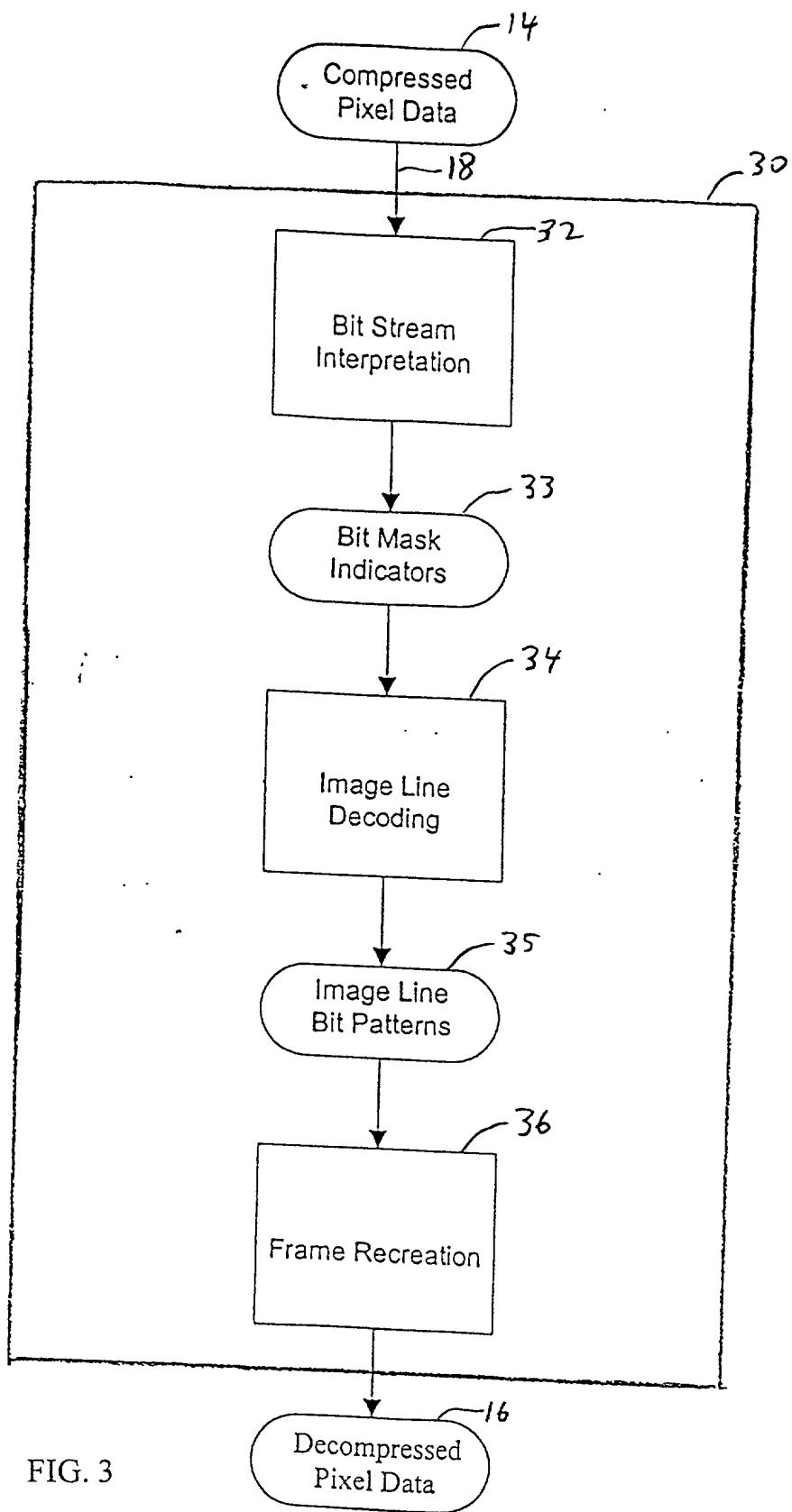


FIG. 3

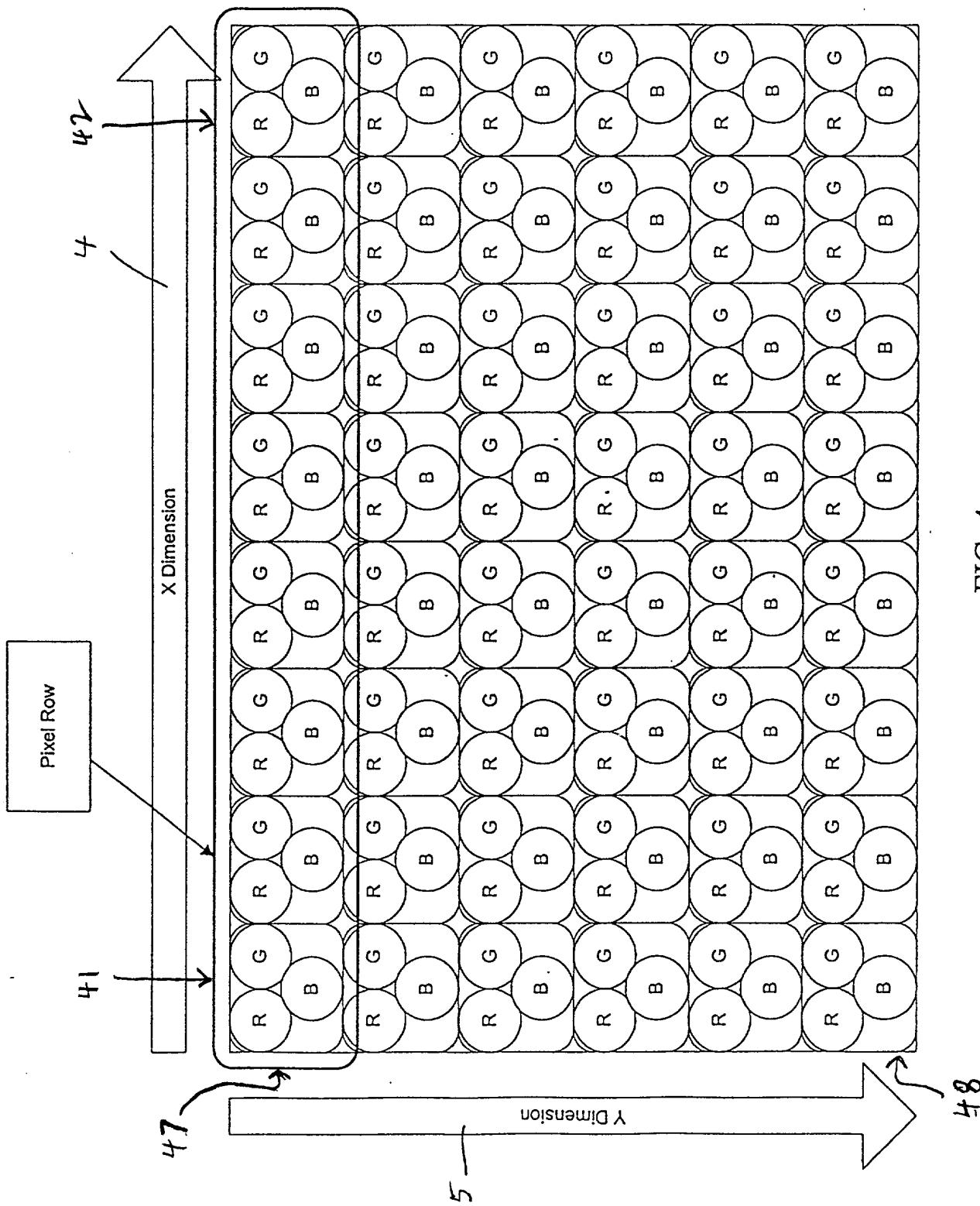
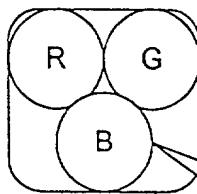
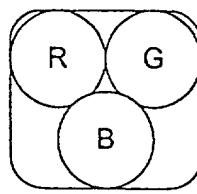


FIG. 4



A pixel consists of color hues. The color hues are added together to produce the actual color displayed at the pixel location. In this example, the hues are Red, Green, and Blue.

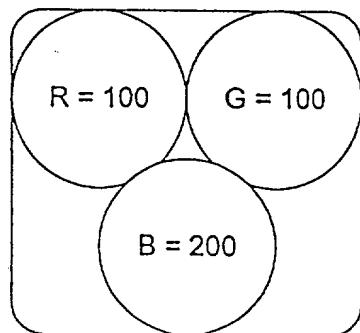
Each color hue is assigned an intensity value. The size of the intensity value depends upon the number of bits available. In this example, the color Light Blue may be represented by the aggregation of values of each color hue, with Blue having the largest value:
 $Red = 100, Green = 100, Blue = 200$
 (where each color hue has available to it a value ranging from 0 to 255)



The color value for a pixel may, therefore, be represented as an aggregation of numeric value which is parsed to determine the discrete value of each color hue by understanding the order of color hues and the numeric size available to them:

Color of Pixel = 100100200

(assuming the first 3 digits are Red followed by 3 digits Green then 3 digits Blue)



Pixel is Displayed As

Light Blue

FIG. 5

Hue Intensity Bit Patterns

(The total number of patterns depends upon the largest value of the bit sequence.)

a
b
c
d
e
f
g
h
i
j
k
l
m
n
o
p

Bit sequences for 4 bit value.
0 = off or False, 1 = on or True.

0	0	0	0
0	0	0	1
0	0	1	0
0	0	1	1
0	1	0	0
0	1	0	1
0	1	1	0
0	1	1	1
1	0	0	0
1	0	0	1
1	0	1	0
1	0	1	1
1	1	0	0
1	1	0	1
1	1	1	0
1	1	1	1

Hue Intensity Bit Pattern Symbols Represent a series of bits

FIG. 6

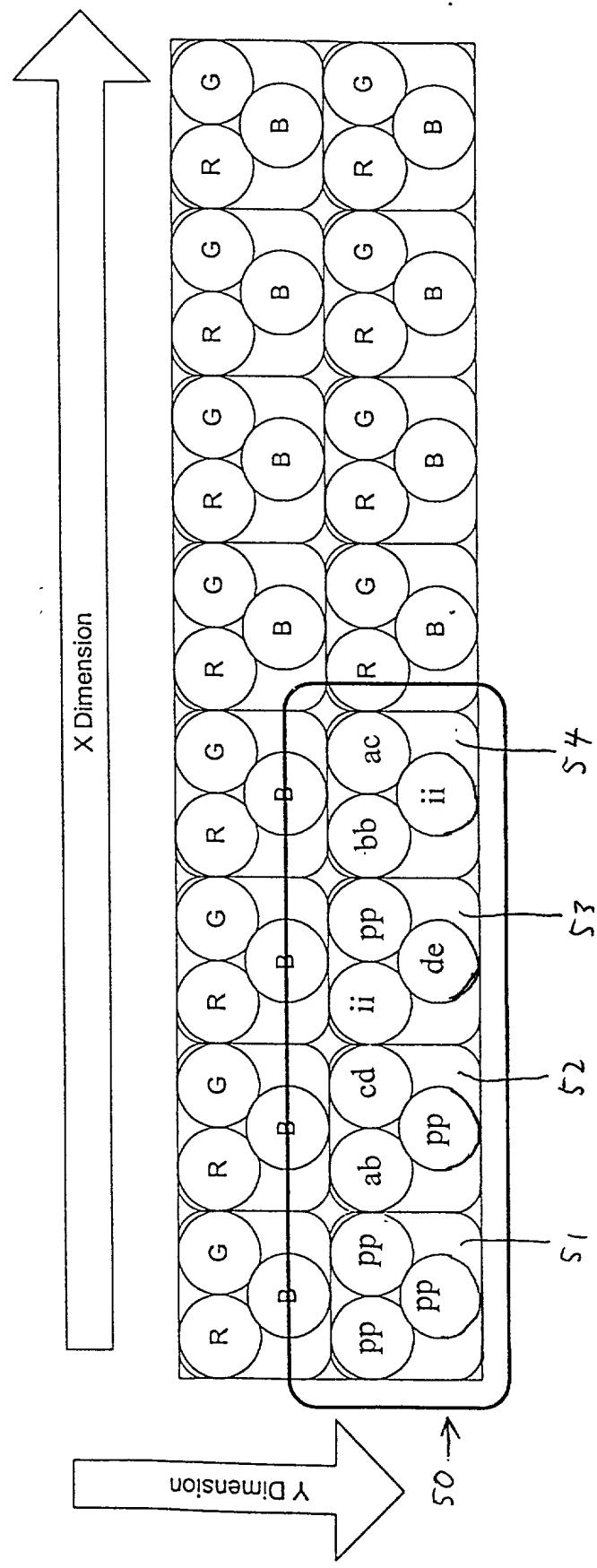


FIG. 7

		Bit Positions For Color Hues					
		0	1	2	3	4	5
↓ HIBP*							
a		1					
b			1				
c				1			
d					1		
e							
f							
g							
h						1	
i					44		
j							
k							
l							
m							
n							
o							
p						1	1

52

* HIBP: Hue Intensity Bit Pattern

FIG. 8

Image Line Bit Pattern

The bit location within the Image Line Bit Pattern

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
a									1															
b										1														
c											1													
d												1												
e													1											
f																								
g																								
h																								
i															1	1								
j																								
k																								
l																								
m																								
o																								
p	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

Hue Intensity Bit Pattern

FIG. 9

52

51

54

53

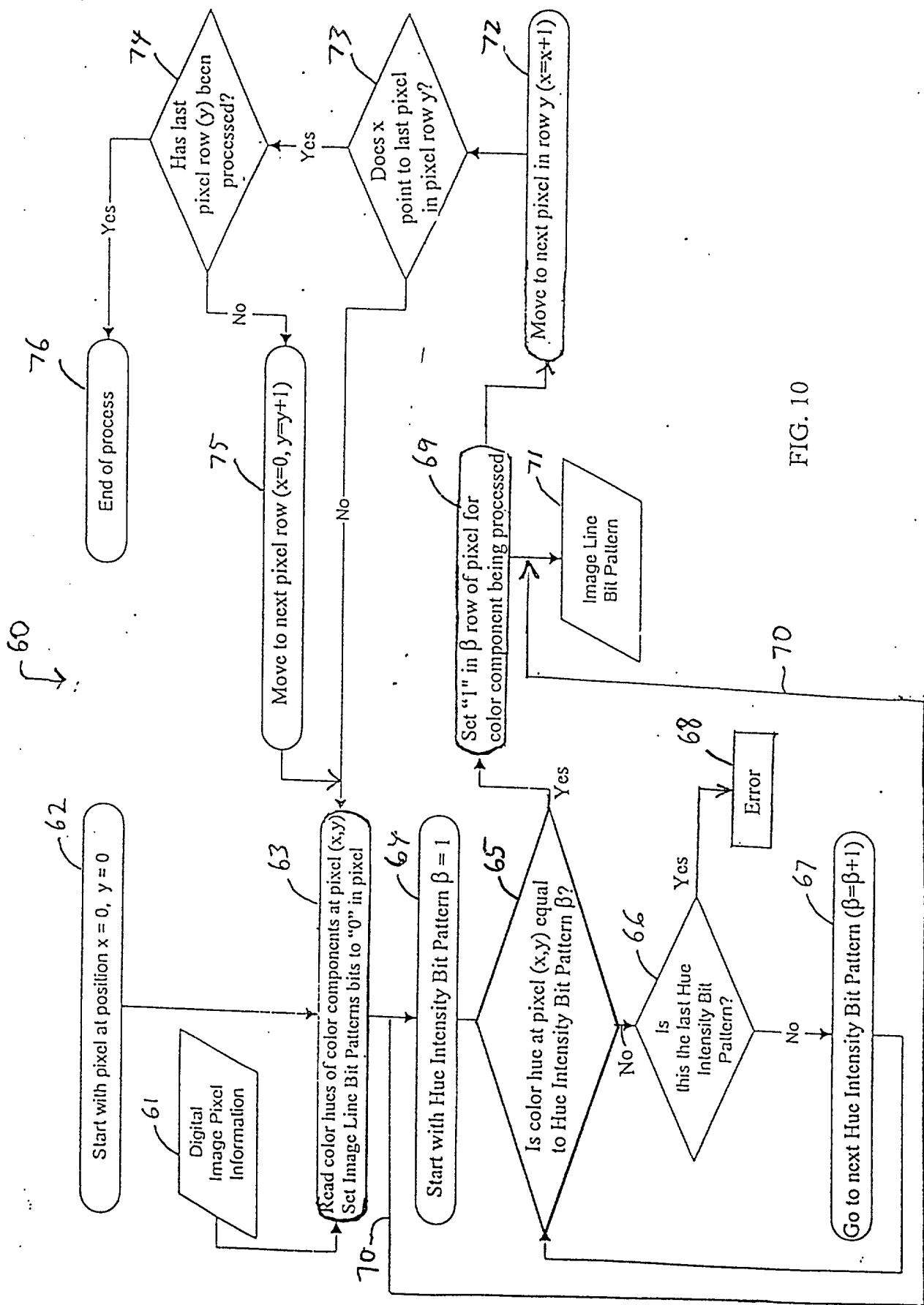


FIG. 10

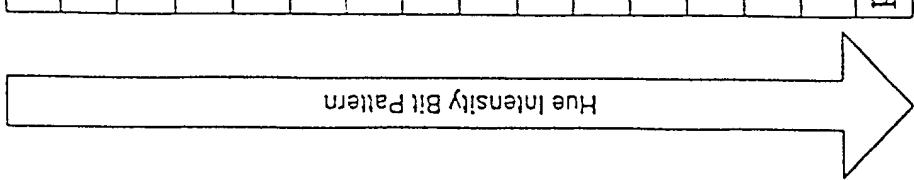
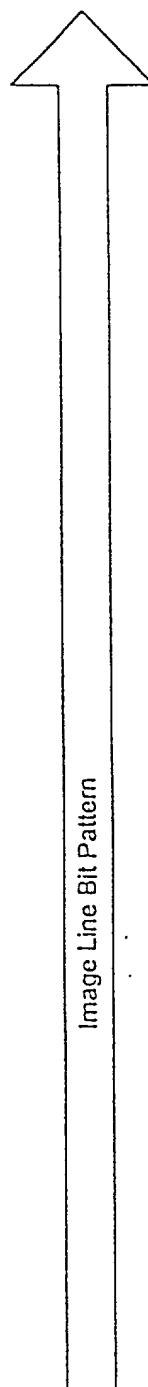


FIG. 11

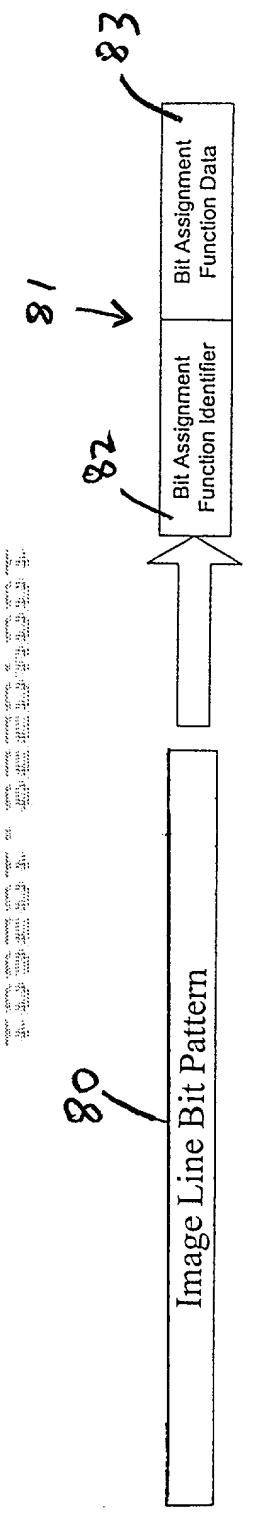


FIG. 12A

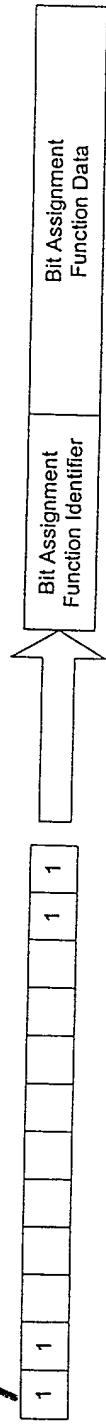


FIG. 12B

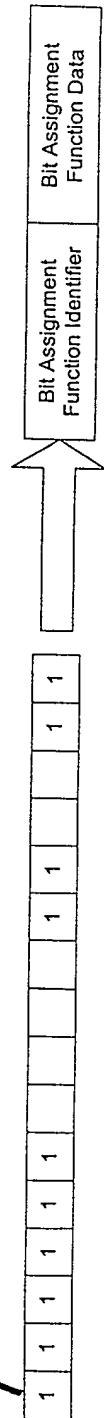


FIG. 12C

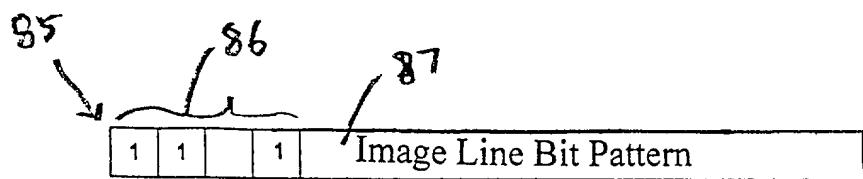


FIG. 13

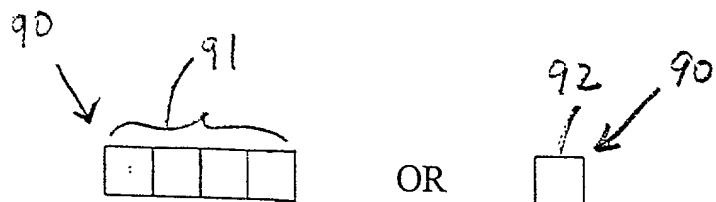


FIG. 14

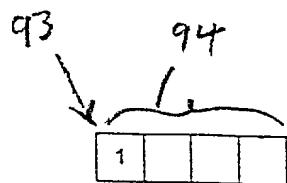


FIG. 15

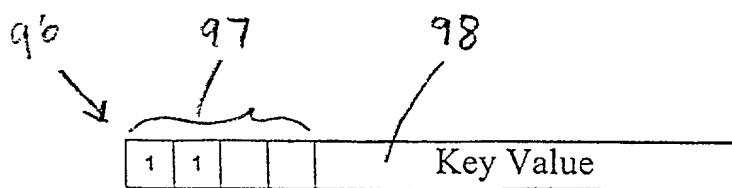


FIG. 16

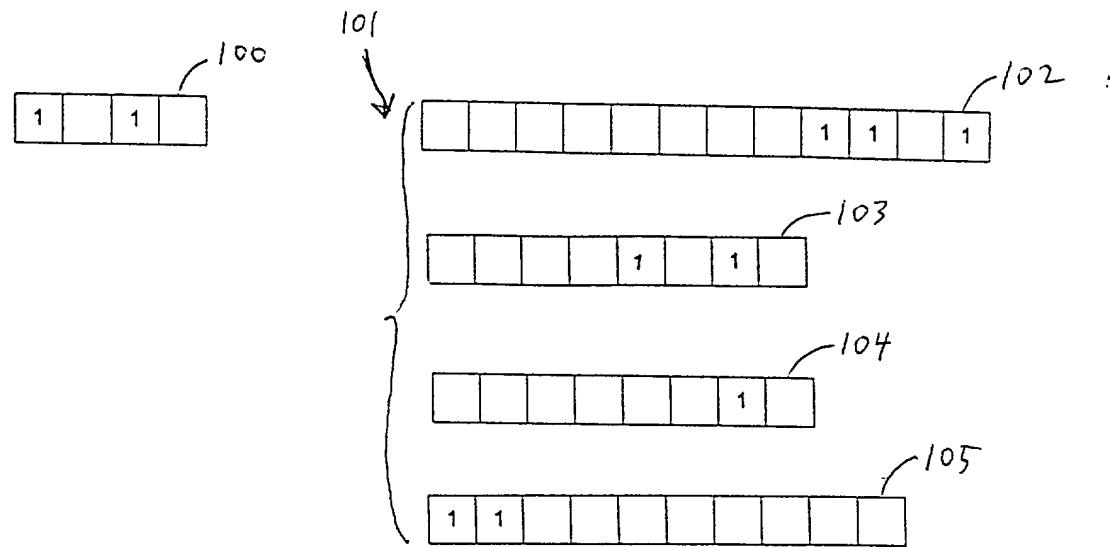
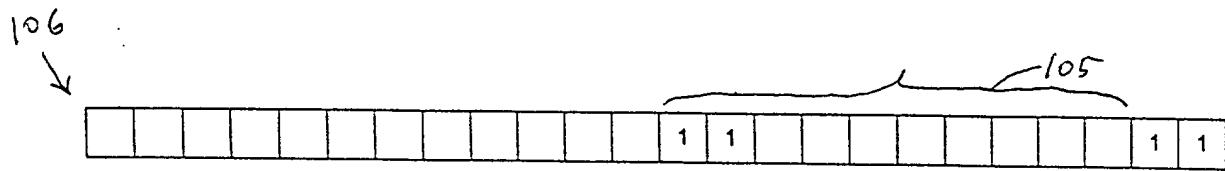


FIG. 17A

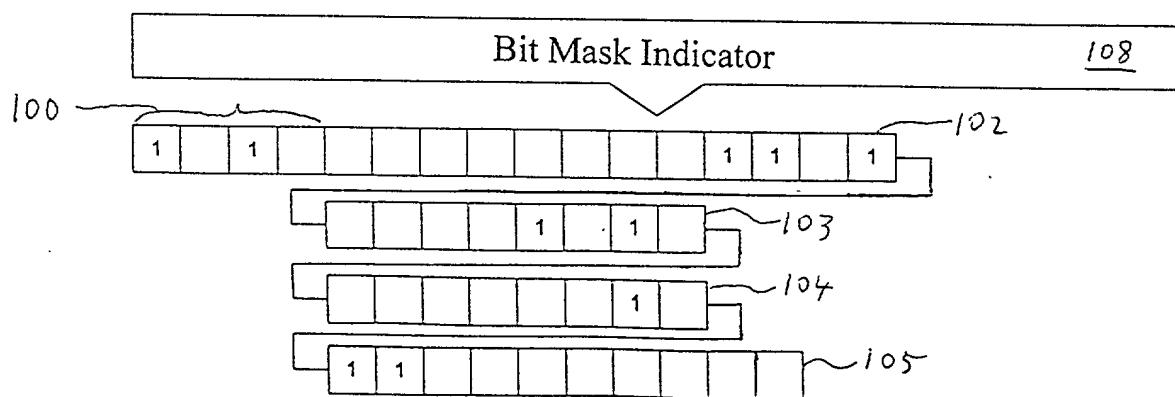


FIG. 17B

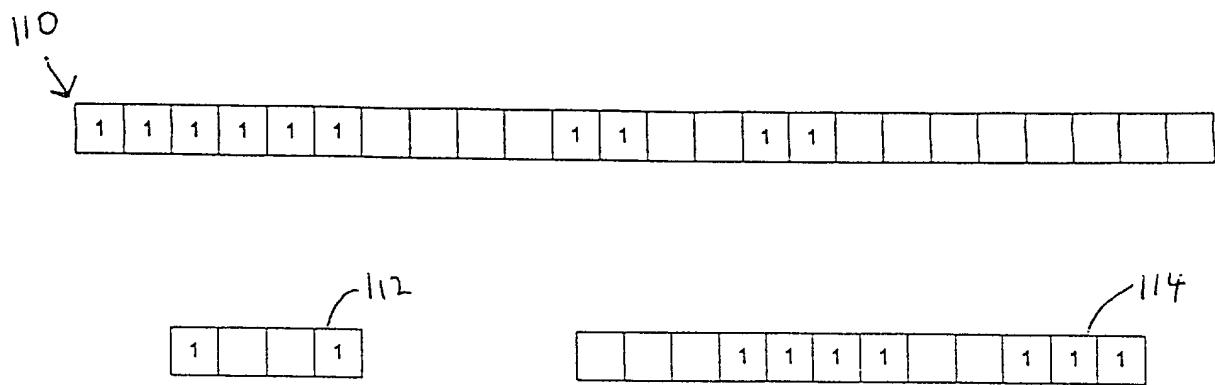


FIG. 18A

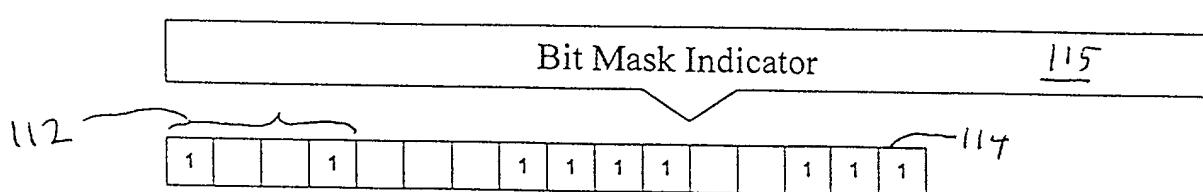


FIG. 18B

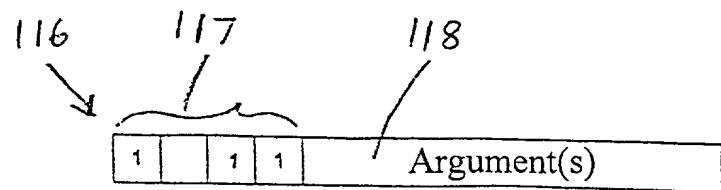


FIG. 19

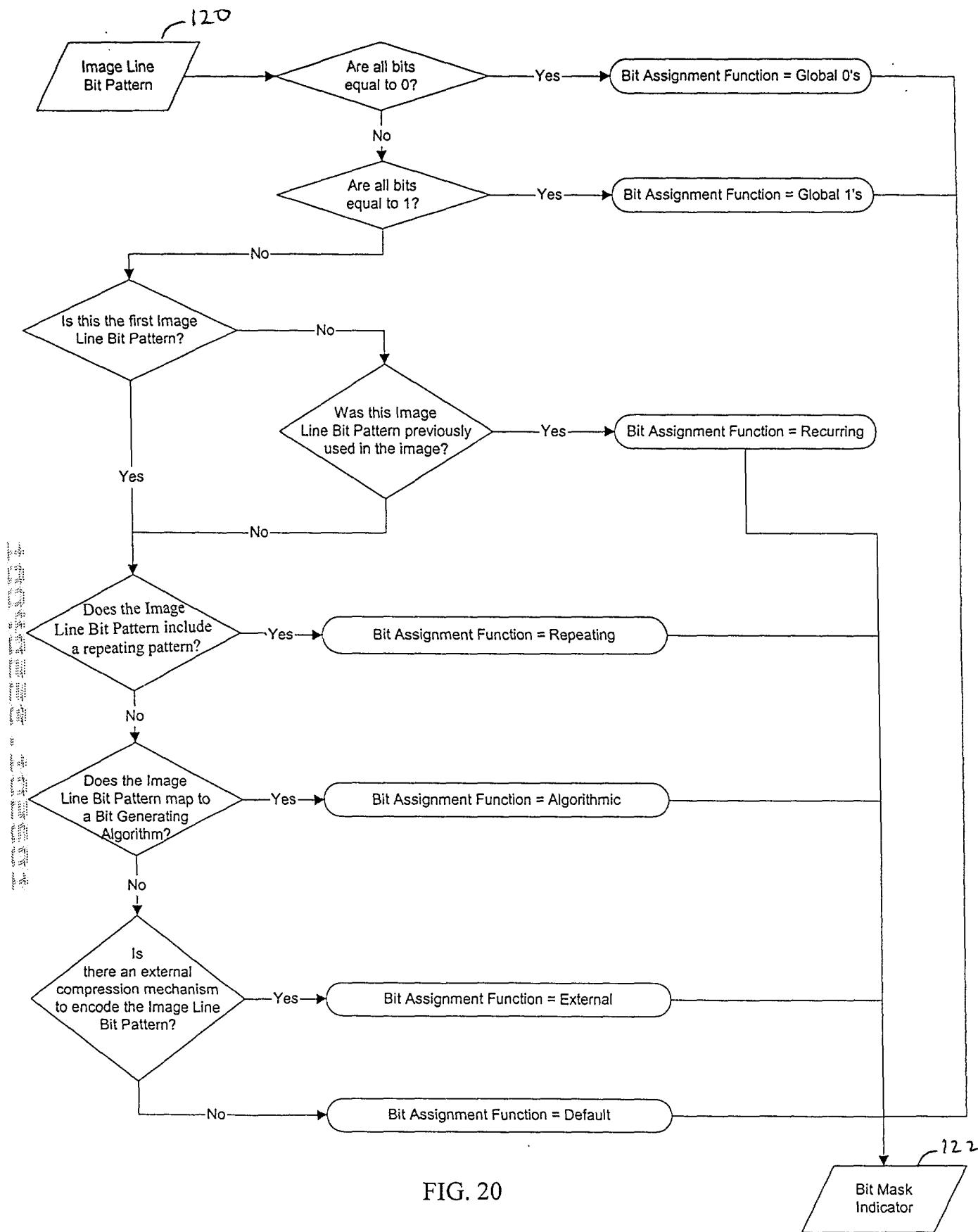


FIG. 20

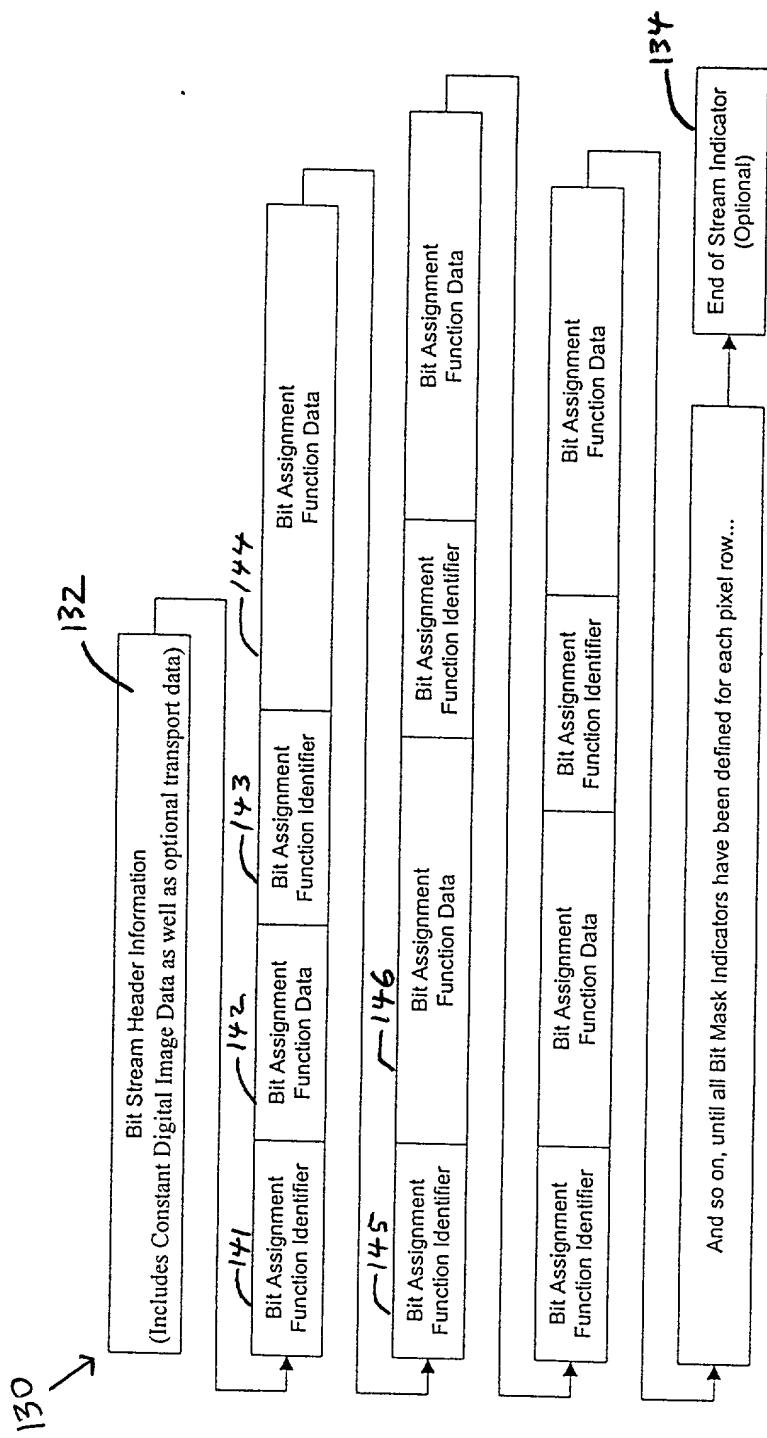


FIG. 21

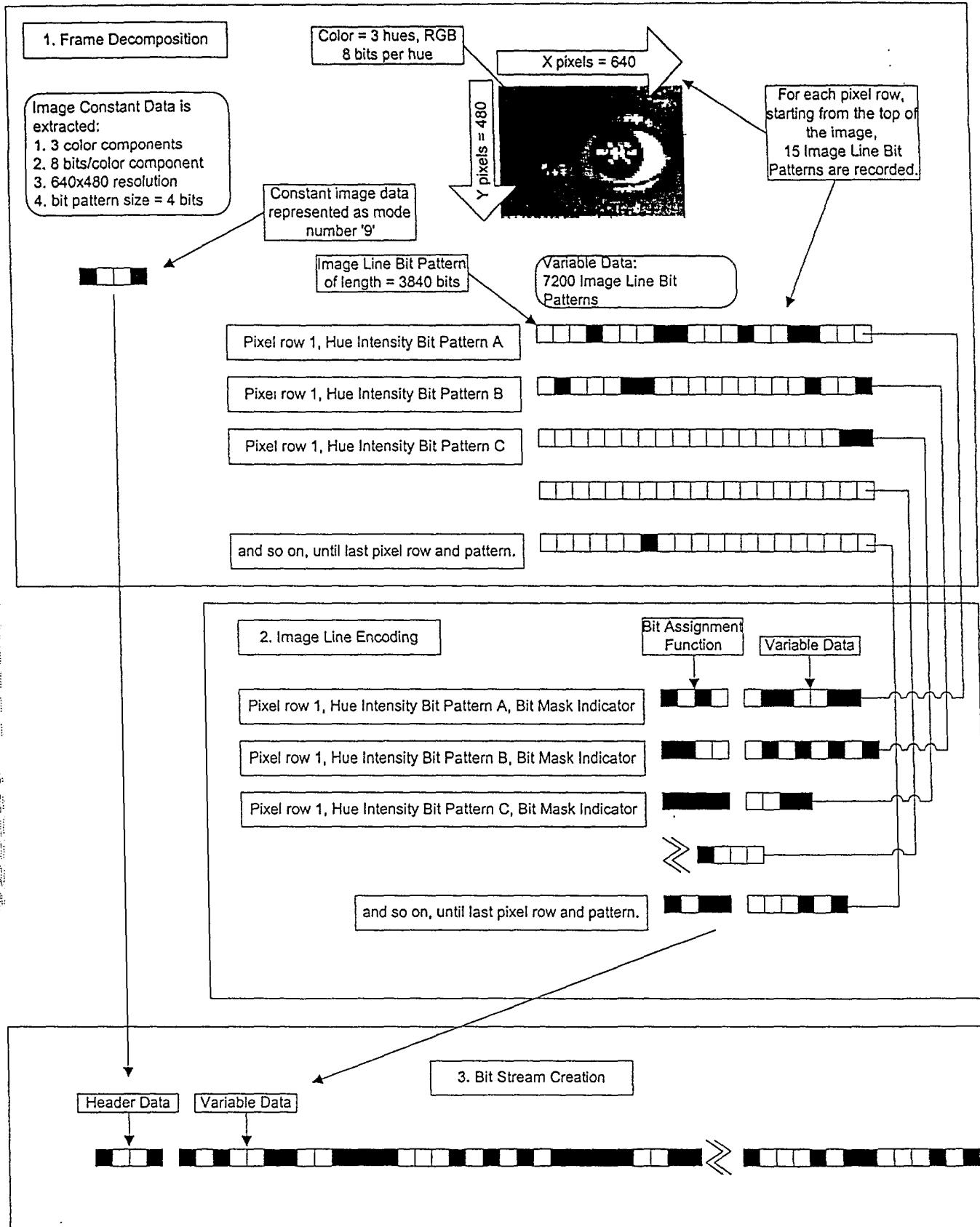


FIG. 22

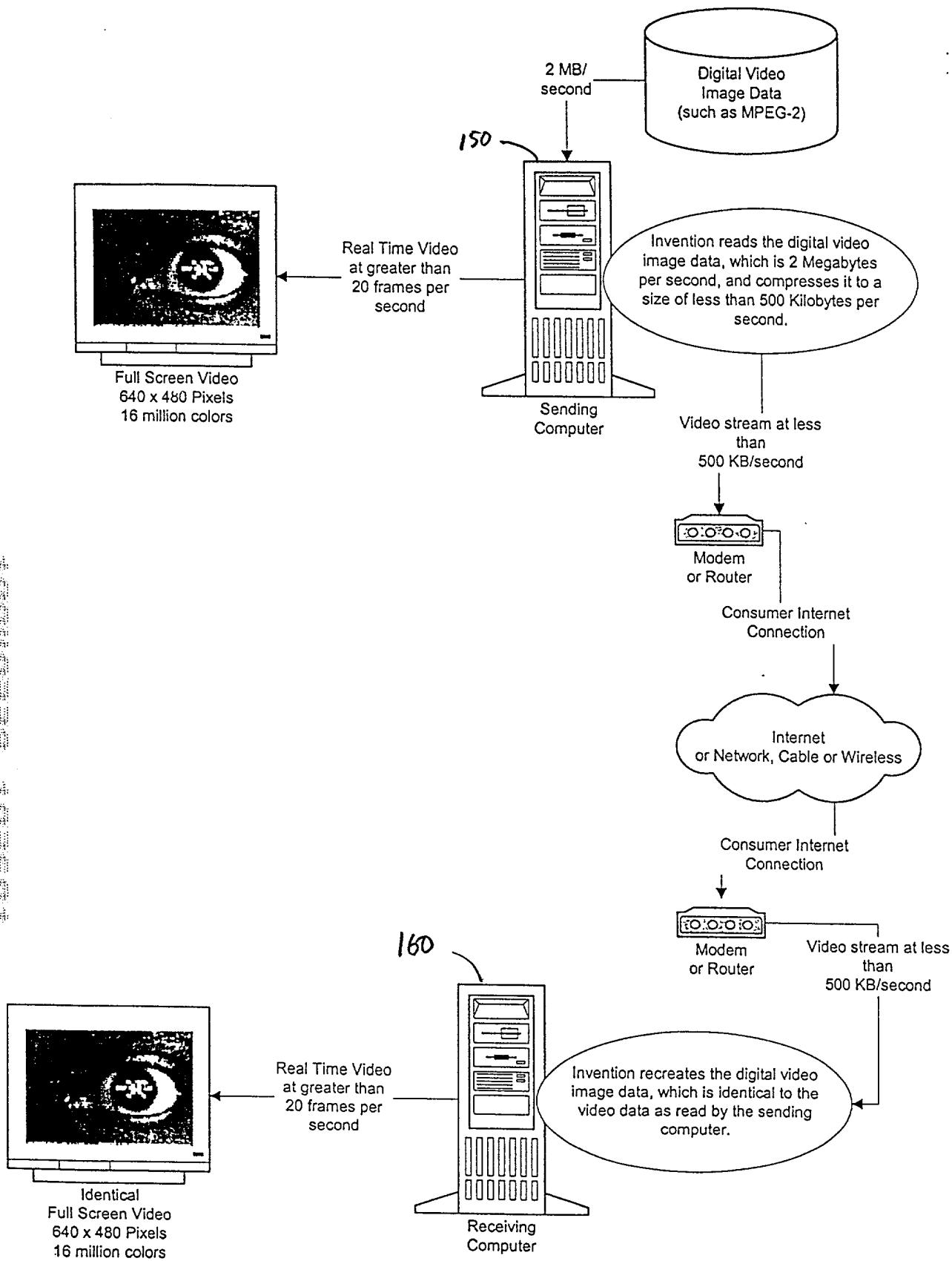


FIG. 23

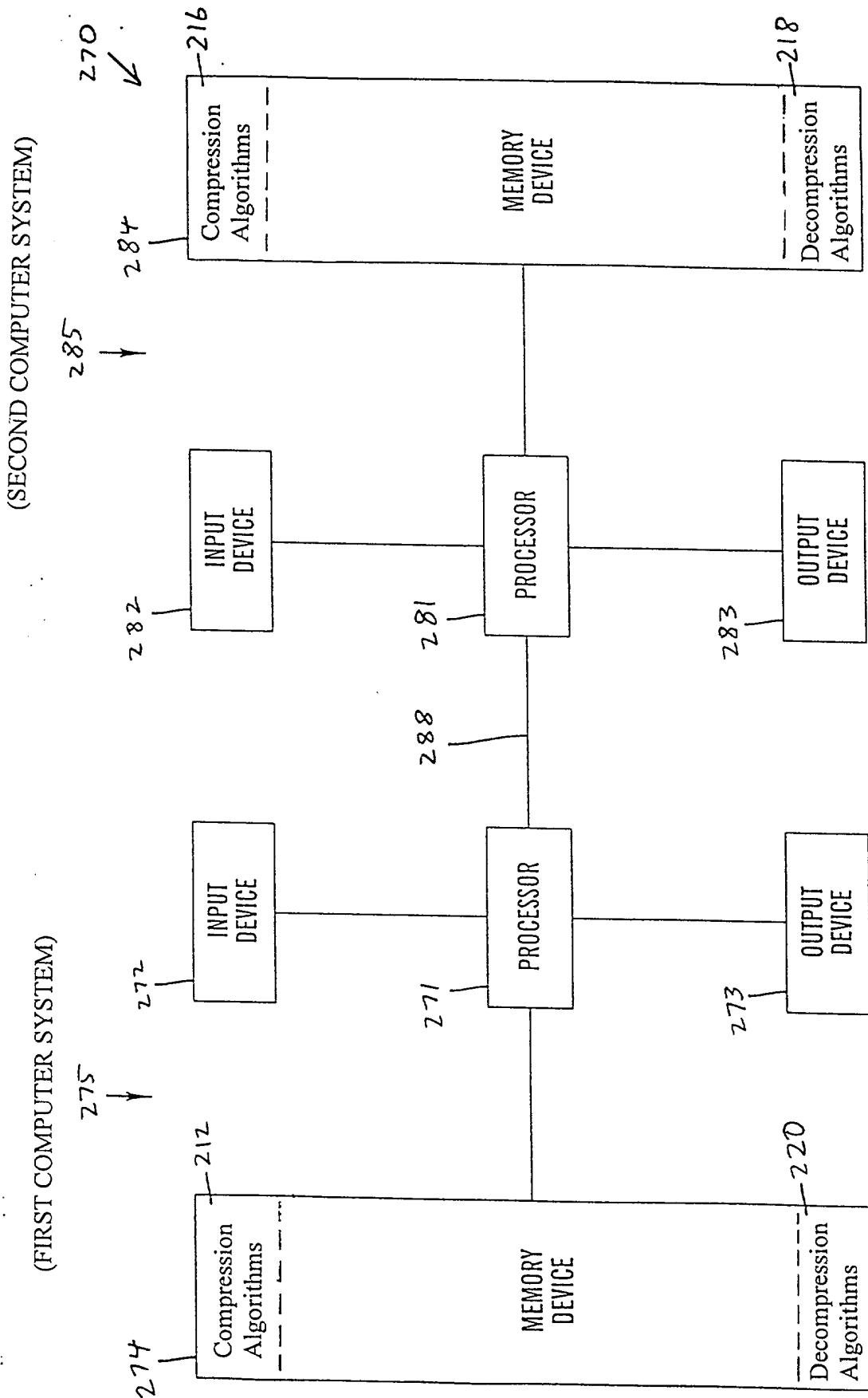


FIG. 24